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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/638,982

08/12/2003

Donald A. Ice

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6290

22913 7590 06/26/2007

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EXAMINER

DINH, TUAN T

ART UNIT

PAPER NUMBER

2841

MAIL DATE

DELIVERY MODE

06/26/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/638,982

Applicant(s)

ICE, DONALD A.

Examiner

Tuan T. Dinh

Art Unit

2841

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on an RCE filed 04/12/07.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 13-17 is/are allowed.
- 6) ☒ Claim(s) 1-12, 18-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 04/12/07 has been entered.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-12, 18-22 are rejected under 35 U.S.C. 102(b) as being anticipated by Golback (U.S. Patent 5,812,377).

As to claims 1, 18, Golback discloses a functional module and an electronic system as shown in figures 1-5 comprising:

an enclosure (10), which is a card cage

a front panel (40);

a card (20) that includes electronic circuitry (components and traces not shown), the card having two side edges and being attached to the front panel (40), and the card

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being supported by the card cage (10) at its two side edges, as well as along at least half a substantial portion of the length of the card (card 20 insert into the bay 10) at a location between the side edges when the functional module is received in the electronic equipment enclosure; and at least one connector (30) attached to the card (20) and configured for electrical communication with the electronic circuitry.

As to claims 2, 19, Golback discloses the card (20) is at least double-wide.

As to claims 3, 20, Golback discloses the card (20) defines at least one cutout (the cutout at position on sides of the connector 30) configured and arranged to engage a portion of the card cage proximate the location between the side edges of the card.

As to claims 4, 21, Golback discloses the card (20) supported by the card cage at a second location (at the guide ways) between the side edges.

As to claims 5, 22, Golback further comprising at least two fasteners (screws 42) that pass through the front panel (40) and are configured to removably engage the card cage, each of the fasteners defining a circumferential slot and comprising: an e-clip (handle 41; 51) substantially disposed in the circumferential slot; and a spring disposed about a portion of the fastener.

As to claim 6, Golback discloses the at least one connector (formed at/in openings 43) is located proximate the front panel (40).

As to claim 7, Golback discloses the at least one connector (30) is located proximate a rear edge of the card (20).

As to claim 8, Golback discloses In a functional module as shown in figures 1-5 configured to be received in an electronic equipment enclosure (10) that includes a card

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cage having a plurality of card guides disposed in a spaced apart arrangement, and the functional module including a front panel (face plate 40), a card (20) configured to be attached to the front panel and comprising: a body having two side edges (the side slide into the guides of the card cage 10) and being configured to be removably received in the card cage, the body being supported by the card cage at its two side edges, as well as along at least half of the length of the body at a location between the side edges, when the functional module is received in the card cage; electronic circuitry disposed on the body; and a plurality of conductive elements (the conductive element including components or ground, not shown) disposed about at least a portion of a perimeter of the front panel in a manner so as to reduce electromagnetic emissions from within the card cage.

As to claim 9, Golback discloses the body is at least double- wide.

As to claim 10, Golback the card supported by the card cage at a second location (guides) between the side edges.

As to claim 11, Golback discloses the body defines at least one cutout (at an end of the card near the connector 30) configured and arranged to engage a portion of the card cage proximate the location between the side edges of the card.

As to claim 12, Golback discloses the at least one cutout comprises a slot defined by the body, the slot extending a portion of the length of the body and being located substantially equidistant from each of the two side edges of the card.

Allowable Subject Matter

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4. Claims 13-17 are allowed.

The following is an examiner's statement of reasons for allowance: Neither the references cited nor the cited references teach, suggest, or obvious in combination of the enclosure having a card having first and second side edges and defining at least one cutout formed along at least half of the length of the card and having opposing edges and the at least one cutout being interposed between the first and second side edges so that when the functional module is received in the card cage, the first and second side edges of the card are supported by the first and second card guides, respectively, and the opposing edges of the at least one cutout defined by the card are supported by the third card guide.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Response to Arguments

5. Applicant's arguments with respect to claims 1-22 have been considered but are moot in view of the new ground(s) of rejection.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuan T. Dinh whose telephone number is 571-272-1929. The examiner can normally be reached on M-F.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Reichard Dean can be reached on 571-272-1984. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Tuan Dinh
June 22, 2007.

A handwritten signature in black ink, appearing to read 'Tuan T. Dinh', with a stylized flourish at the end.

TUAN T. DINH
PRIMARY EXAMINER